

Cochrane Library: Train the Trainer - U.S. Department of Veterans Affairs

Colleen Finley, Product Manager, Wiley

Trusted evidence.
Informed decisions.
Better health.



Agenda

- What's in the Cochrane Library
- Basic Navigation feature
- Advanced search
- MeSH
- Search manager
- PICO Search^{beta}
- Training hub and resources



What is Cochrane?

- **An international collaboration of over 50,000** researchers and health professionals **passionate about improving health outcomes** for everyone, everywhere
- Their overall **objective is to ensure that the treatments used every day** around the world, are **based on the best possible evidence**, which is independently assessed and quality checked
- They have been **doing this for 25 years**

What's in the Cochrane Library

- Cochrane Database of Systematic Reviews
 - + 8500 Reviews
 - + 2400 Protocols
- Central Register of Controlled Trials (CENTRAL)
 - + 1.6 million articles
- Cochrane Clinical Answers (+2200)
- Systematic Reviews from Epistemonikos (+300000)
- Editorials (+130)
- Special Collections (+30)
- Health Systems Evidence (HSE) and Social Systems Evidence (SSE)
created by McMaster's Health Forum (+14000 and 4000)



Cochrane Database of Systematic Reviews

- Each review addresses a clearly formulated question
e.g. **Can antibiotics alleviate the symptoms of a sore throat?**
- Investigates the effects of interventions for prevention, treatment and rehabilitation in a healthcare setting.
- Reviewed using stringent guidelines to establish whether or not there is conclusive evidence about a specific treatment.

Cochrane Central Register of Controlled Trials

- World's largest database of Randomised Controlled Trials
- Includes details of published articles taken direct from bibliographic databases and other published resources
- The records include the title of the article, information on where it was published and in many cases, the abstract
- The full text of these articles is not available as part of the Cochrane Library
- **How is CENTRAL created?**

New CENTRAL content

New Content sources have been added to CENTRAL

MAY 2020

- CINAHL (Cumulative Index of Nursing and Allied Health Literature) (17000)

MAY 2019: ~240,000 articles from clinical trial registries

- CT.gov (193,000)
- WHO ICTRP (136,000)



Cochrane Central Register of Controlled Trials

CENTRAL includes randomized and quasi-randomized controlled trials comprised of records retrieved from

- **PubMed/MEDLINE**
- **Embase**
- **Clinical Trial Registries**
 - **ClinicalTrials.gov**
 - **ICTRP**
- **CINAHL (Cumulative Index of Nursing and Allied Health)** (new as of May 2020)
- Cochrane Review Groups' **Specialized Registers** which includes records identified by **handsearching** various biomedical sources.

How is CENTRAL created?

<https://www.cochranelibrary.com/central/central-creation>

New Sources added to filters and :an search

Search for Clinic Trials Registry and CINAHL articles using the Accession number (:an) field

Users can search Accession number field to limit by any of the content types in CENTRAL

- Pubmed:an
- Embase:an
- CTgov:an (Clinicaltrials.gov)
- ICTRP:an
- CINAHL:an

Available

- From Search Tab, select Accession number from menu
- From Search manager, use :an field, ctgov:an

What is a Cochrane Clinical Answer?

- A CCA provides a concise summary of the results of a Cochrane Review with sufficient underlying data to allow:
 - Application of the results to a specific patient group (e.g. children or adults, older patients with co-morbid conditions.)
 - Understanding of the strength of the evidence supporting conclusions about key clinical outcomes
- Written by clinicians for clinicians

Make reviews more accessible to an important audience

Cochrane Clinical Answers

- Clinical summaries on a **question-and-answer** format from Cochrane Reviews
- Provide the **evidence at hand** on key outcomes
- Make the information a clinician will be most interested in more **accessible**
- Aim is to use information from Cochrane Reviews to **inform healthcare decisions**

How does a CCA ease application of results in clinical practice?

- Distils the 50+ pages of a Cochrane review into 1-3 pages with interactive, hierarchical display allowing multiple levels of entry
- Brings together key data dispersed in Cochrane Library Review:
 - Population
 - Intervention
 - Comparison
 - Outcome summary
 - Quality of the evidence (Summary of findings/Risk of bias)

Question:

How do angioplasty and stenting compare for the treatment of iliac artery stenosis?

Jane Burch, Dane Gruenebaum
| 23 December 2015

Clinical Answer

Randomized controlled trials suggest that outcomes after primary percutaneous transluminal angioplasty (PTA) and stenting are similar in people with iliac artery stenosis or occlusion. However, participant numbers were small and trials were undertaken some years ago and the populations eligible for treatment and the treatment options given may not reflect those in current clinical practice.

In people with iliac artery stenosis of at least 5 cm or occlusion, there were no apparent differences between groups in symptom improvement (3 months to 2 years), number of people with symptom resolution (3 months to 8 years), target vessel patency (1 to 8 years) or the need for re-intervention (2 to 8 years), when primary PTA was compared with primary stenting. Results for ankle-brachial index (ABI) showed no consistent pattern across time points (3 months to 8 years); only the 2-year analysis detected a difference between groups in favor of primary PTA. Most of the participants had moderate to severe claudication (II and III on the 0 to VI Rutherford classification), therefore the results are most likely to reflect this group.

There are several limitations to these data. Firstly, revascularization is no longer considered a first-line option in some healthcare systems in people with a Rutherford classification of less than III. Secondly, given the age of the trials, bare metal stents would have been used; drug eluting stents are now also used to treat peripheral vascular disease. Thirdly, one of the two included trials was stopped early due to a higher rate of distal embolization in the PTA group. Fourthly, the proportion of participants with diabetes ranged from 5% to 16%, hypertension from 20% to 28% and dyslipidemia from 24% to 53%, which may be healthier than the population who would be eligible for revascularization in clinical practice Finally, all the analyses would have been affected by a lack of power due to the small numbers of participants, making detection of a difference between groups unlikely, even if one was present.

Comparisons

1. Primary percutaneous transluminal angioplasty versus primary stenting

Expand All »

[Cite this Answer](#)



Print



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Email

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Clinical Answer derived from

Answer

Comparisons

Additional Information

Figures

Related content

Request Permissions

- Click to expand function allows you to view further information

Comparisons

1. Primary percutaneous transluminal angioplasty versus primary stenting

[Expand All »](#)

- > OUTCOME 1.1 Improvement in symptoms
- > OUTCOME 1.2 Resolution of signs and symptoms
- > OUTCOME 1.3 Ankle-brachial index (ABI)
- > OUTCOME 1.4 Re-intervention
- > OUTCOME 1.5 Target vessel patency
- > OUTCOME 1.6 Immediate complications
- > OUTCOME 1.7 Claudication distance, Major amputation-free survival, Complications (delayed)
- > **Population, Intervention, Comparator**

Population

People with iliac artery stenosis of <10 cm or occlusion of <5 cm (1 trial) or occlusion >8 cm (1 trial) causing intermittent claudication and a reduced ankle-brachial pressure. Most people had disease severity II to III on the Rutherford classification. The proportion of people with diabetes ranged from 5% to 16%, hypertension from 20% to 28% and dyslipidemia from 24% to 53%

Intervention

Primary percutaneous transluminal angioplasty (PTA): no details regarding the procedure were reported in either study

Comparator

Primary stenting: long 7-F introducer sheath placed across targeted segment and the stent mounted by hand on a folded angioplasty balloon catheter, with stent diameter determined by width of uninvolved portion of vessel (1 trial) or no details reported (1 trial). Given the dates of the trials, bare metal stents were likely to have been used

[Cite this Answer](#)[Print](#)[Share](#)[Email](#)

Related

Clinical Answer derived from

Answer

[Comparisons](#)[Additional Information](#)[Figures](#)[Related content](#)[Request Permissions](#)

- The Population, Intervention, Comparator section (PICO) at the bottom of the page describes people and interventions included in the trials to aid you in determining clinical relevance

OUTCOME 1.1 Improvement in symptoms

Narrative result

Improvement in symptoms was measured at 3 months, 1 year, and 2 years; there was no statistically significant difference between groups at any time point, but all three analyses would have been underpowered. Click below for full details.

Reference

Bekken J, Jongsma H, Ayez N, Hoogewerf CJ, Van Weel V, Fioole B. Angioplasty versus stenting for iliac artery lesions. *Cochrane Database of Systematic Reviews* 2015, Issue 5. Art. No.: CD007561. DOI: 10.1002/14651858.CD007561.pub2. [Review search date: April 2015]

Subgroup analysis 1.1.1 Improvement in symptoms - [subgroup: 3 months]

Risk of bias of studies

The reviewers did not perform a GRADE assessment of the quality of the evidence. The study used appropriate patient selection processes, and was classified as having low numbers of withdrawals (7.5% of those randomized not included in this analysis), but did not report blind outcome assessors.

Narrative result

One RCT with 258 participants found no statistically significant difference between groups.

Relative effect or mean difference

There was no statistically significant difference between groups (OR 1.43, 95% CI 0.78 to 2.62).

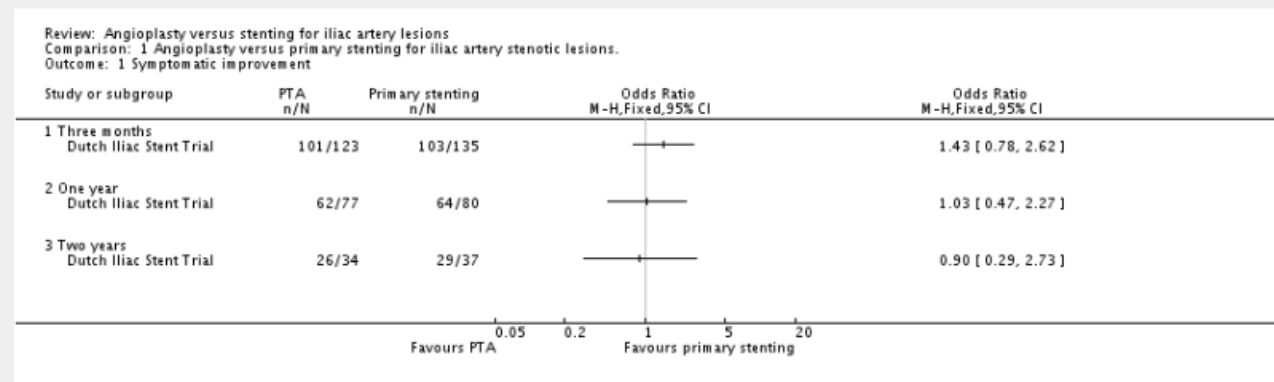


Figure 1

Forest plot from Cochrane Review

[Open in figure viewer](#)

[Cite this Answer](#)



Print



Share



Email

Related

Clinical Answer derived from

Answer

[Comparisons](#)

[Additional Information](#)

[Figures](#)

[Related content](#)

[Request Permissions](#)

- **Quality of evidence (GRADE statements) or risk of bias analysis**
- **A clear narrative statement**
- **Statistical data on relative effects**
- **A measure of absolute effects in terms of number of patients impacted out of 100 or 1000 (equivalent to NNT)**
- **Link to forest plot**
- **Link to the Cochrane Review on which the CCA is based**

Epistemonikos

- World's largest source of systematic reviews relevant for health decision-making
- Uses a comprehensive and systematic approach, powered by artificial intelligence and curated and annotated by experts



+350,000 Reviews

Practical issues for the use of tranexamic acid in total knee arthroplasty: a systematic review.

Abstract

Authors	» Kim TK, Chang CB, Koh IJ
Category	» Systematic review
Journal	» Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA
Year	» 2014
Links	» Pubmed, DOI

This article includes 26 Primary studies ⓘ

This article is part of the following matrixes of evidence:

- [Tranexamic acid for total knee arthroplasty surgery](#)

PURPOSE:

This systematic review was undertaken to answer three specific questions relating to the clinical values of tranexamic acid (TNA) in total knee arthroplasty (TKA): (1) Whether there are differences in blood-saving effects between the systemic and topical administrations; (2) Whether blood-saving effects of TNA differ by doses and timings of administration; and (3) Whether the use of TNA is safe at all reported doses, timings, and routes of administration with respect to the incidences of symptomatic deep-vein thrombosis (DVT) and pulmonary embolism (PE).

METHODS:

Resources

[Export Citation](#)

[Create your own Matrix](#) **Beta**

Evidence related with this article:

Broad syntheses

0

Systematic reviews

31

Primary studies

395

Available languages for this document

• [English](#)

2 New Databases by McMaster

You are now able to search systematic reviews from McMaster Health Forum's repositories.

- **Health Systems Evidence** is a continuously updated repository of syntheses of research evidence about governance, financial and delivery arrangements within health systems, and about implementation strategies that can support change in health systems.
- **Social Systems Evidence** is the world's most comprehensive, continuously updated repository of syntheses of research evidence about the programs, services and products available in a broad range of government sectors and program areas (e.g., economic development, education, environmental conservation, housing,...) as well as the governance and the implementation strategies that ensure that these get to those who need them.

Site Navigation and Search

Browse options for Cochrane Reviews

- By Topic
- By Cochrane
Review Group

Search Options

- Basic Search on Homepage
- Search Tab
- MeSH
- PICO Search^{beta}
- Search Manager

Browse options

[Browse by Topic](#)[Browse by Cochrane Review Group](#)

Browse by Topic

Browse the *Cochrane Database of Systematic Reviews*

a	g	n
Allergy & intolerance	Gastroenterology & hepatology	Neonatal care
b	Genetic disorders	Neurology
Blood disorders	Gynaecology	o
c	h	Orthopaedics & trauma
Cancer	Health & safety at work	p
Child health	Health professional education	Pain & anaesthesia
Complementary & alternative medicine	Heart & circulation	Pregnancy & childbirth
Consumer & communication strategies	i	Public health
d	Infectious disease	r
Dentistry & oral health	Insurance medicine	Rheumatology
Developmental, psychosocial & learning problems	k	s
Diagnosis	Kidney disease	Skin disorders
e	l	t
Ear, nose & throat	Lungs & airways	Tobacco, drugs & alcohol
Effective practice & health systems	m	u
Endocrine & metabolic	Mental health	Urology
Eyes & vision	Methodology	w
		Wounds

...or [Browse by Cochrane Review Group](#) 

Browse Cochrane Reviews

- By Topic
- By Review Group

Use filters to
refine your
selection

Email Alerts

[Browse by Topic](#)[Browse by Cochrane Review Group](#)

Browse by Topic

Browse the Cochrane Reviews, Protocols and Clinical Answers.

[🔔 Set email alerts](#)**a**[Allergy & intolerance](#)**b**[Blood disorders](#)**c**[Cancer](#)[Child health](#)[Complementary & alternative medicine](#)[Consumer & communication strategies](#)**d**[Dentistry & oral health](#)[Developmental, psychosocial & learning problems](#)[Diagnosis](#)**g**[Gastroenterology & hepatology](#)[Genetic disorders](#)[Gynaecology](#)**h**[Health & safety at work](#)[Health professional education](#)[Heart & circulation](#)**i**[Infectious disease](#)[Insurance medicine](#)**k**[Kidney disease](#)**l****n**[Neonatal care](#)[Neurology](#)**o**[Orthopaedics & trauma](#)**p**[Pain & anaesthesia](#)[Pregnancy & childbirth](#)[Public health](#)**r**[Rheumatology](#)**s**[Skin disorders](#)**t**

Use Cochrane assigned topics to create alerts to monitor when new Cochrane Systematic Reviews on that topic are published

Search options

All existing search options are provided on three tabs

- Search
- Search Manager
- Medical Terms (MeSH)

Each tab provides options to view search results and saved searches all on the same page

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search

Search manager

Medical terms (MeSH)

Save search

View searches

Search help

Title Abstract Keyword

diabetes

(Word variations have been searched)

+

Search limits

Send to search manager

Run search

Clear all

Filter your results

Date

Publication date

The last 3 months 6
The last 6 months 10
The last 9 months 21
The last year 34
The last 2 years 90

Custom Range:

dd/mm/yyyy

to

dd/mm/yyyy

Apply

Clear

Cochrane Reviews

Cochrane Protocols

Trials

Editorials

Special collections

Clinical Answers

More

384

58

63208

14

3

64

384 Cochrane Reviews matching on 'diabetes in Title Abstract Keyword - (Word variations have been searched)'

Cochrane Database of Systematic Reviews

Issue 8 of 12, August 2018

Select all (384)

Export selected citation(s)

Show all previews

Order by

Relevancy

Results per page

25

1

Ayurvedic treatments for diabetes mellitus

Kalpana Sridharan, Roshni Mohan, Sridharan Ramaratnam, Deepak Panneerselvam

Show Preview

Intervention

Review

7 December 2011

2

Ozone therapy for treating foot ulcers in people with diabetes

Jian Liu, Peng Zhang, Jing Tian, Lun Li, Jun Li, Jin Hui Tian, KeHu Yang

Show Preview

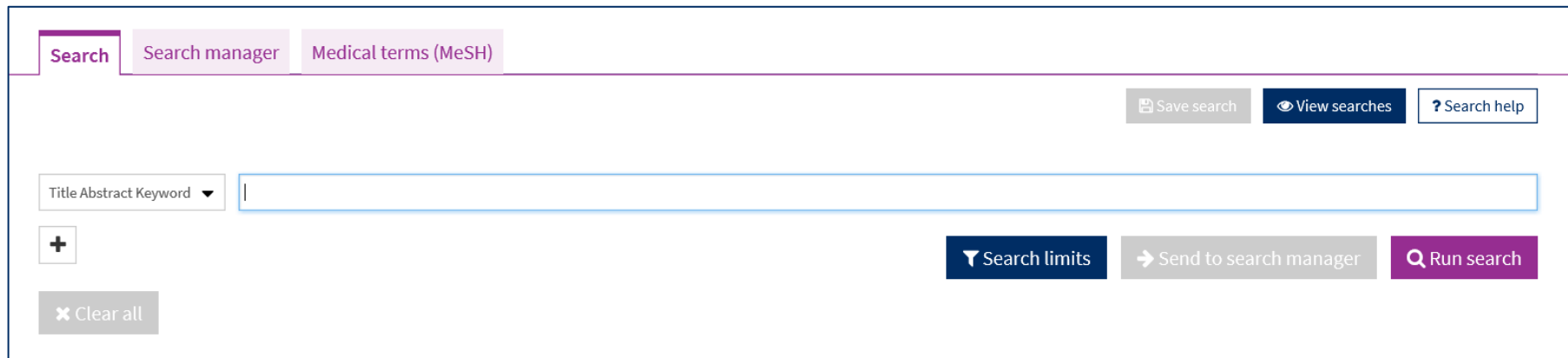
Intervention

Review

27 October 2015

Free access


Search tab



The screenshot shows the 'Search' tab of the Cochrane Library interface. At the top, there are three tabs: 'Search' (active), 'Search manager', and 'Medical terms (MeSH)'. Below the tabs, on the right, are three buttons: 'Save search' (with a floppy disk icon), 'View searches' (with an eye icon), and 'Search help' (with a question mark icon). On the left, there is a dropdown menu labeled 'Title Abstract Keyword' with a downward arrow, followed by a large text input field. Below the input field is a small square button with a plus sign. At the bottom left is a button labeled 'Clear all' with an 'x' icon. At the bottom right are three buttons: 'Search limits' (with a funnel icon), 'Send to search manager' (with a right arrow icon), and 'Run search' (with a magnifying glass icon).

Use the Search Tab for quick and easy searching of the Cochrane Library

Field limits

 **Cochrane**
Library

Trusted evidence.
Informed decisions.
Better health.

English ▼ | [Cochrane.org](#) | [Sign In](#)

Cochrane Reviews ▼ | Trials ▼ | Clinical Answers ▼ | About ▼ | Help ▼

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search | Search manager | Medical terms (MeSH)

Save search | View searches | Search help

Title Abstract Keyword

Record Title

Abstract

Author

Keyword

All Text

Publication Type

Source

DOI

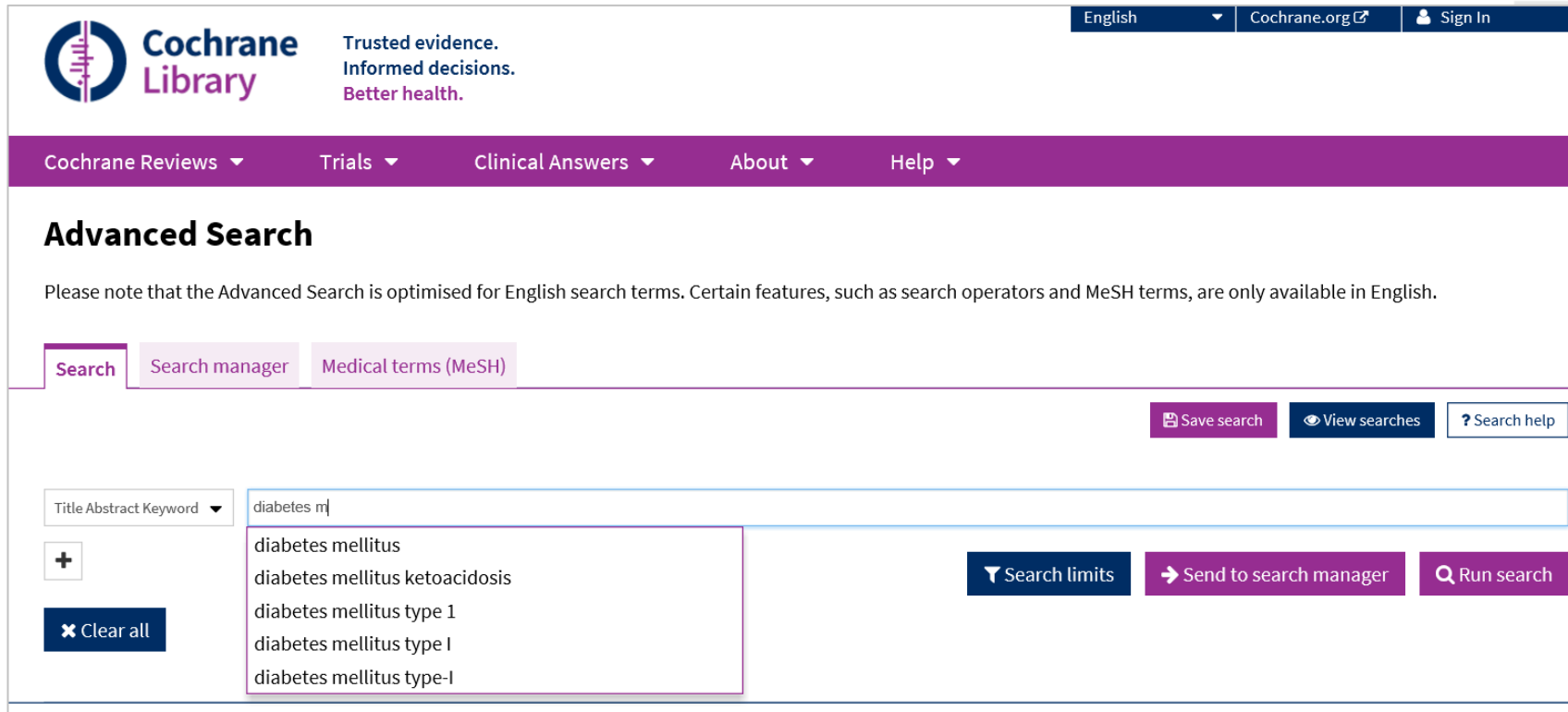
Accession Number

Enter Search String...

Search limits | Send to search manager | Run search

Supports all field limits currently offered in the Cochrane Library

Autocomplete feature



The screenshot displays the Cochrane Library website's Advanced Search page. At the top, the Cochrane Library logo and tagline "Trusted evidence. Informed decisions. Better health." are visible, along with a language dropdown set to "English", a link to "Cochrane.org", and a "Sign In" button. A navigation bar contains links for "Cochrane Reviews", "Trials", "Clinical Answers", "About", and "Help". The main heading is "Advanced Search", followed by a note: "Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English." Below this are three tabs: "Search" (active), "Search manager", and "Medical terms (MeSH)". On the right, there are buttons for "Save search", "View searches", and "Search help". The search input field contains the text "diabetes m". A dropdown menu shows suggestions: "diabetes mellitus", "diabetes mellitus ketoacidosis", "diabetes mellitus type 1", "diabetes mellitus type I", and "diabetes mellitus type-I". To the left of the input field is a "Title Abstract Keyword" dropdown and a "+" button. Below the input field is a "Clear all" button. To the right of the suggestions are buttons for "Search limits", "Send to search manager", and "Run search".

Cochrane Library Trusted evidence. Informed decisions. Better health.

English | Cochrane.org | Sign In

Cochrane Reviews ▾ Trials ▾ Clinical Answers ▾ About ▾ Help ▾

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search | Search manager | Medical terms (MeSH)

Save search | View searches | Search help

Title Abstract Keyword ▾ diabetes m

- diabetes mellitus
- diabetes mellitus ketoacidosis
- diabetes mellitus type 1
- diabetes mellitus type I
- diabetes mellitus type-I

+ Clear all

Search limits | Send to search manager | Run search

As the user types, common search terms are presented.

Limits

[Search](#) [Search manager](#) [Medical terms \(MeSH\)](#)

[Save search](#) [View searches](#) [Search help](#)

Title Abstract Keyword ▼

diabetes mellitus

(Word variations have been searched)

+

[Search limits](#) [Send to search manager](#) [Run search](#)

[Clear all](#)

Use this link to add search limits to restrict a search by specific database, article status, or date of publication

Limits

Search limits ✕

Content type

- ☐ Cochrane Reviews
- ☐ Cochrane Protocols
- ☐ Trials
- ☐ Clinical Answers
- ☐ Editorials
- ☐ Special collections

Original publication year i

- ☒ All years
- ☐ Between and

☐ **Search word variations**
(e.g. "paid" will find pay, pays, paying, payed)

Cochrane Library publication date

- ☒ All dates
- ☐ The last month
- ☐ The last 3 months
- ☐ The last 6 months
- ☐ The last 9 months
- ☐ The last year
- ☐ The last 2 years
- ☐ Between and

Cochrane Group

▼

Clear

Apply limits

Use Search Limits to restrict your search by:

- Content type
- By Review Group
- Date
- Online Date

Add lines

Search

Search manager

Medical terms (MeSH)

Save search

View searches

Search help

Title Abstract Keyword

diabetes mellitus

(Word variations have been searched)

+

Search limits

Send to search manager

Run search

Clear all

Use the + button to add up to 5 lines to your search

Limits

Search Search manager Medical terms (MeSH)

Save search

View searches

Search help

—

Title Abstract Keyword ▼

diabetes mellitus

—

AND ▼

Title Abstract Keyword ▼

Enter Search String...

—

AND ▼

Title Abstract Keyword ▼

Enter Search String...

—

AND ▼

Title Abstract Keyword ▼

Enter Search String...

—

AND ▼

Title Abstract Keyword ▼

(Word variations have been searched)

Search limits

Send to search manager

Run search

Clear all

Use “Add to Search Manager” to move your search into search manager to build complex searches

Result view

Search

Search manager

Medical terms (MeSH)

Save search

View searches

Search help

Title Abstract Keyword

diabetes mellitus

(Word variations have been searched)

+

Search limits

Send to search manager

Run search

Clear all

Use “Run Search” button” or hit enter to view results

Results: Limit by database

Filter your results

Date

Publication date

The last 3 months 4

The last 6 months 5

The last 9 months 11

The last year 19

The last 2 years 43

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply Clear

Status

New search 33

Conclusions changed 9

Language

Español 110

Show 12 more

Cochrane Reviews 170	Cochrane Protocols 32	Trials 44788	Editorials 1	Special collections 0	Clinical Answers 25	More
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170 Cochrane Reviews matching on 'diabetes mellitus in Title Abstract Keyword - (Word variations have been searched)'

Cochrane Database of Systematic Reviews
Issue 8 of 12, August 2018

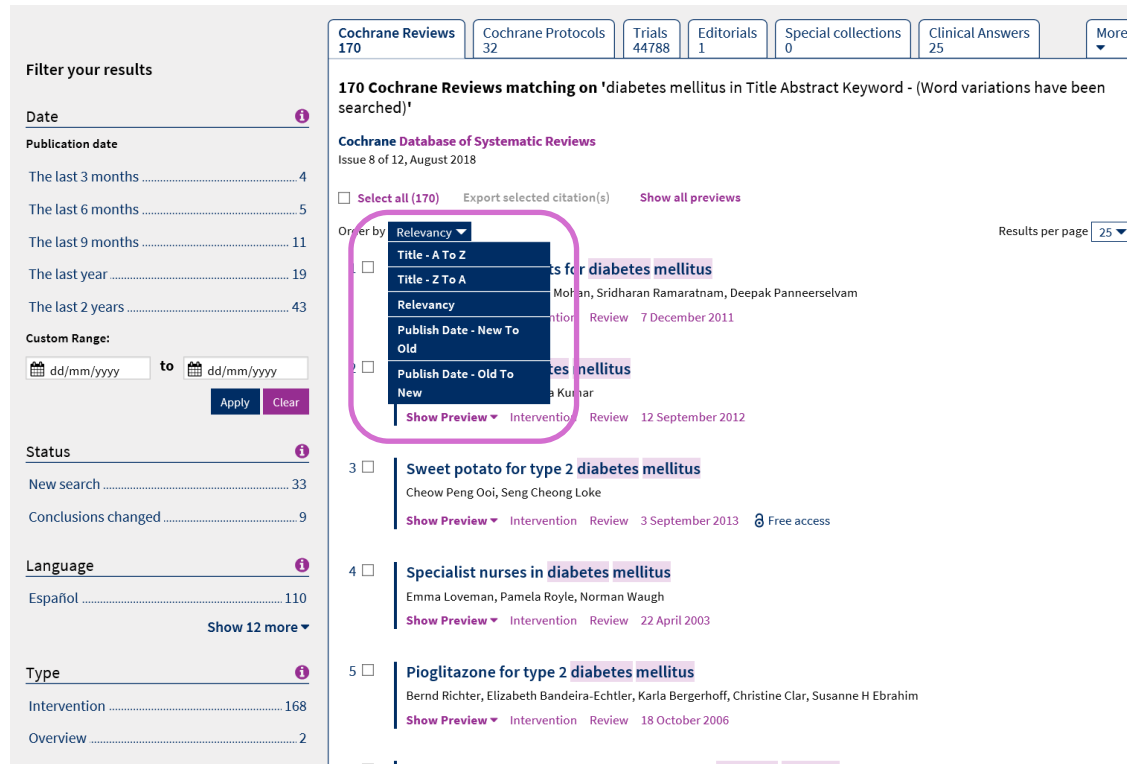
☐ Select all (170) Export selected citation(s) Show all previews

Order by Relevancy Results per page 25

- ☐ **Ayurvedic treatments for diabetes mellitus**
 Kalpana Sridharan, Roshni Mohan, Sridharan Ramaratnam, Deepak Panneerselvam
[Show Preview](#) Intervention Review 7 December 2011
- ☐ **Cinnamon for diabetes mellitus**
 Matthew J Leach, Saravana Kumar
[Show Preview](#) Intervention Review 12 September 2012
- ☐ **Sweet potato for type 2 diabetes mellitus**
 Cheow Peng Ooi, Seng Cheong Loke
[Show Preview](#) Intervention Review 3 September 2013 Free access
- ☐ **Specialist nurses in diabetes mellitus**
 Emma Loveman, Pamela Royle, Norman Waugh
[Show Preview](#) Intervention Review 22 April 2003

View results by Product

Result view: Sort



The screenshot displays the search results interface for the Cochrane Database of Systematic Reviews. On the left, a 'Filter your results' sidebar includes sections for Date (Publication date), Custom Range, Status, Language, and Type. The main content area shows 170 results for the search 'diabetes mellitus'. A dropdown menu is open under the 'Order by' section, highlighting the following options: Relevance, Title - A To Z, Title - Z To A, Relevance, Publish Date - New To Old, and Publish Date - Old To New. The first three results are visible: 'Sweet potato for type 2 diabetes mellitus', 'Specialist nurses in diabetes mellitus', and 'Pioglitazone for type 2 diabetes mellitus'. Each result includes a checkbox, title, authors, and a 'Show Preview' link.

Filter your results

Date i

Publication date

The last 3 months 4

The last 6 months 5

The last 9 months 11

The last year 19

The last 2 years 43

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply **Clear**

Status i

New search 33

Conclusions changed 9

Language i

Español 110

Show 12 more ▼

Type i

Intervention 168

Overview 2

Cochrane Reviews 170

Cochrane Protocols 32

Trials 44788

Editorials 1

Special collections 0

Clinical Answers 25

More ▼

170 Cochrane Reviews matching on 'diabetes mellitus in Title Abstract Keyword - (Word variations have been searched)'

Cochrane Database of Systematic Reviews

Issue 8 of 12, August 2018

☐ **Select all (170)** Export selected citation(s) **Show all previews**

Order by: **Relevance** ▼

☐ **Title - A To Z** **Results for diabetes mellitus**

☐ **Title - Z To A** **Results for diabetes mellitus**

☐ **Relevance** **Results for diabetes mellitus**

☐ **Publish Date - New To Old** **Results for diabetes mellitus**

☐ **Publish Date - Old To New** **Results for diabetes mellitus**

Show Preview ▼ **Intervention** **Review** 12 September 2012

3 ☐ **Sweet potato for type 2 diabetes mellitus**

Cheow Peng Ooi, Seng Cheong Loke

Show Preview ▼ **Intervention** **Review** 3 September 2013 **Free access**

4 ☐ **Specialist nurses in diabetes mellitus**

Emma Loveman, Pamela Royle, Norman Waugh

Show Preview ▼ **Intervention** **Review** 22 April 2003

5 ☐ **Pioglitazone for type 2 diabetes mellitus**

Bernd Richter, Elizabeth Bandeira-Echtler, Karla Bergerhoff, Christine Clar, Susanne H Ebrahim

Show Preview ▼ **Intervention** **Review** 18 October 2006

Results per page **25** ▼

Sort results by relevance, title or date

Export your search results



The screenshot shows the Cochrane Library search results interface. On the left, there's a 'Filter your results' sidebar with options for 'Date' (Publication date) and 'Custom Range'. The main content area shows 170 results matching the search criteria. At the top, there are tabs for different result types: Cochrane Reviews (170), Cochrane Protocols (32), Trials (44788), Editorials (1), Special collections (0), Clinical Answers (25), and More. Below the tabs, it states '170 Cochrane Reviews matching on 'diabetes mellitus in Title Abstract Keyword - (Word variations have been searched)'. A pink box highlights the 'Select all (170)' button, which is used to export all results. Below this, there are two example results listed, each with a 'Show Preview' button and links to 'Intervention' and 'Review'.

Filter your results

Date i

Publication date

The last 3 months 4

The last 6 months 5

The last 9 months 11

The last year 19

The last 2 years 43

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply **Clear**

Cochrane Reviews 170 **Cochrane Protocols** 32 **Trials** 44788 **Editorials** 1 **Special collections** 0 **Clinical Answers** 25 **More**

170 Cochrane Reviews matching on 'diabetes mellitus in Title Abstract Keyword - (Word variations have been searched)'

Cochrane Database of Systematic Reviews
Issue 8 of 12, August 2018

☐ **Select all (170)** Export selected citation(s) **Show all previews**

Order by **Relevancy** Results per page **25**

1 ☐ **Ayurvedic treatments for diabetes mellitus**
Kalpana Sridharan, Roshni Mohan, Sridharan Ramaratnam, Deepak Panneerselvam
Show Preview Intervention Review 7 December 2011




2 ☐ **Cinnamon for diabetes mellitus**
Matthew J Leach, Saravana Kumar
Show Preview Intervention Review 12 September 2012

From any search results page, use citation export to download result citations (with optional abstracts). File can be used in Word or exported into most reference management software

Export your search results

Export selected citation(s) ×

5071 citation(s) selected for download

Save citation to:  CiteULike  Mendeley  RefWorks

Select the format you require from the list below

Plain text | **RIS (EndNote)** | RIS (Reference Manager) | RIS (ProCite) | BibTeX | CSV (Excel)

Preview of format

ID: CN-01610450
AU: Roth JM
AU: Sawa P
AU: Omweri G
AU: Osoti V
AU: Makio N
AU: Bradley J
AU: Bousema T
AU: Schallig HDFH
AU: Mens PF

☐ Include abstract

Download

NEW as of July 2020
CSV format added

For best results with
Excel (preserves
special characters)
do not open file
directly.

Use Data | Import
from Text/CSV

USE Format UTF8
and Comma
delimited.

From any search results page, use citation export to download result citations (with optional abstracts). File can be used in Word or exported into most reference management software

Filters specific for Cochrane Reviews

Status	
New search	2086
Conclusions changed	491

Status: Filters by events that have effected the review

Type	
Intervention	7422
Diagnostic	95
Overview	44
Methodology	36
Qualitative	4

Type: Used to identify the type of question addressed by the review

Filters for Cochrane Reviews

Language	
Français	307
Español	241
Русский	183
Hrvatski	179
தமிழ்	116
Bahasa Malaysia	114
Deutsch	110
日本語	86
Polski	58
Português	52

Language: Identifies when translations for content are available

Topics	
+ Child health	151
+ Pregnancy & childbirth	89
+ Lungs & airways	75
+ Neurology	70
+ Infectious disease	63
+ Heart & circulation	61
+ Complementary & alternative medicine	48
Show 26 more ▼	

Topic: Limit results based on Cochrane supplied topics



Additional Filters

Date 

Publication date

The last 3 months	13
The last 6 months	21
The last 9 months	30
The last year	47
The last 2 years	110

Custom Range:

 dd/mm/yyyy to  dd/mm/yyyy

Date article was
published online or
added to the
Cochrane Library

Year 


Year first published

2018	2
2017	17
2016	8
2015	9
2014	12

Custom Range:

yyyy to yyyy

CENTRAL only
publication year
limit

Source 

PubMed	669633
Embase	547523
CT.gov	190822
ICTRP	136065
CINAHL	13839

CENTRAL only limits
to articles sourced
from PubMed or
Embase

What's is MeSH

Medical Subject Headings (MeSH) thesaurus is a controlled and hierarchically-organized vocabulary produced by the National Library of Medicine (NLM). It is used to index and search of biomedical and health-related information including Pubmed produced by NLM

What sources in the Cochrane Library have MeSH indexing

Cochrane Reviews	Fully indexed. New reviews are indexed within six months of being published.
Cochrane Protocols	No MeSH indexing.
Trials	PubMed articles: fully indexed. EMBASE and Handsearch: no MeSH indexing.
Cochrane Clinical Answers	No MeSH indexing.

For best results, search using both free text terms and MeSH.

Medical Terms (MeSH)



Trusted evidence.
Informed decisions.
Better health.

English [Cochrane.org](#) [Sign In](#)

[Cochrane Reviews](#) [Trials](#) [Clinical Answers](#) [About](#) [Help](#)

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[View saved searches](#)[Search help](#)[Look up](#)[Clear](#)

Enter Search
term in this box



Use this box to
limit by
qualifiers



Hit Enter or
Lookup
button to
view results

MeSH autocomplete



Trusted evidence.
Informed decisions.
Better health.

English ▼

[Cochrane.org](#)[Sign In](#)[Cochrane Reviews](#) ▼[Trials](#) ▼[Clinical Answers](#) ▼[About](#) ▼[Help](#) ▼

Advanced Search

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[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[View saved searches](#)[Search help](#)

- Diabetes Mellitus
- Diabetes Mellitus Complication
- Diabetes Mellitus Complications
- Diabetes Mellitus Type 1.5
- Diabetes Mellitus, Addison Disease, Myxedema
- Diabetes Mellitus, Addison's Disease, Myxedema
- Diabetes Mellitus, Adult Onset
- Diabetes Mellitus, Adult-Onset

[Look up](#)[Clear](#)

Auto-Suggest: As term is entered, MeSH terms and synonyms are given

MeSH view

Definition

Diabetes Mellitus - A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

Thesaurus Matches

Exact Term Match

Diabetes Mellitus

Synonyms:

Phrase Matches

Diabetes Mellitus

Synonyms:

Diabetes Mellitus, Type 2

Synonyms: Maturity-Onset Diabetes Mellitus; Diabetes Mellitus, Maturity Onset; Diabetes Mellitus, Slow Onset; Diabetes Mellitus, Maturity-Onset; Slow-Onset Diabetes Mellitus; Diabetes Mellitus, Ketosis Resistant; Type 2 Diabetes Mellitus; Ketosis-Resistant Diabetes Mellitus; Stable Diabetes Mellitus; Diabetes Mellitus, Adult Onset; Diabetes Mellitus, Noninsulin Dependent; Diabetes

MeSH Trees

MeSH term - **Diabetes Mellitus**

☒ Explode all trees
☐ Single MeSH term (unexploded)

☐ Explode selected trees

☒ **Tree number 1**

Nutritional and Metabolic Diseases [+2]

Metabolic Diseases [+19]

Glucose Metabolism Disorders [+5]

Diabetes Mellitus [+8]

Diabetes Mellitus, Experimental

Diabetes Mellitus, Type 1 [+1]

Diabetes Mellitus, Type 2 [+1]

Diabetes, Gestational

Diabetic Ketoacidosis

Donohue Syndrome

Latent Autoimmune Diabetes in Adults

Prediabetic State

Search Results

There are **25903** results for your search on

- MeSH descriptor: Diabetes Mellitus
- Explode all trees

Trials	25719
Cochrane Reviews	184

- All MeSH information now displayed on one page
- Permuted index
- Tree(s)
- Results for term
- Full Search results at bottom of page

MeSH view

Definition

Diabetes Mellitus - A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

Thesaurus Matches

Exact Term Match

Diabetes Mellitus

Synonyms:

Phrase Matches

Diabetes Mellitus

Synonyms:

Diabetes Mellitus, Type 2

Synonyms: Maturity-Onset Diabetes Mellitus; Diabetes Mellitus, Maturity Onset; Diabetes Mellitus, Slow Onset; Diabetes Mellitus, Maturity-Onset; Slow-Onset Diabetes Mellitus; Diabetes Mellitus, Ketosis Resistant; Type 2 Diabetes Mellitus; Ketosis-Resistant Diabetes Mellitus; Stable Diabetes Mellitus; Diabetes Mellitus, Adult Onset; Diabetes Mellitus, Noninsulin Dependent; Diabetes

MeSH Trees

MeSH term - **Diabetes Mellitus**

☒ Explode all trees
☐ Single MeSH term (unexploded)
☐ Explode selected trees

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Nutritional and Metabolic Diseases [+2]
Metabolic Diseases [+19]
Glucose Metabolism Disorders [+5]
Diabetes Mellitus [+8]
Diabetes Mellitus, Experimental
Diabetes Mellitus, Type 1 [+1]
Diabetes Mellitus, Type 2 [+1]
Diabetes, Gestational
Diabetic Ketoacidosis
Donohue Syndrome
Latent Autoimmune Diabetes in Adults
Prediabetic State

Search Results

There are **25903** results for your search on

- MeSH descriptor: Diabetes Mellitus
- Explode all trees

Trials	25719
Cochrane Reviews	184

Search in all trees or specific trees with or without term explosion

MeSH view

Definition

Diabetes Mellitus - A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

Thesaurus Matches

Exact Term Match

Diabetes Mellitus

Synonyms:

Phrase Matches

Diabetes Mellitus

Synonyms:

Diabetes Mellitus, Type 2

Synonyms: Maturity-Onset Diabetes Mellitus; Diabetes Mellitus, Maturity Onset; Diabetes Mellitus, Slow Onset; Diabetes Mellitus, Maturity-Onset; Slow-Onset Diabetes Mellitus; Diabetes Mellitus, Ketosis Resistant; Type 2 Diabetes Mellitus; Ketosis-Resistant Diabetes Mellitus; Stable Diabetes Mellitus; Diabetes Mellitus, Adult Onset; Diabetes Mellitus, Noninsulin Dependent; Diabetes

MeSH Trees

MeSH term - **Diabetes Mellitus**

☒ Explode all trees
☐ Single MeSH term (unexploded)

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☒ **Tree number 1**

Nutritional and Metabolic Diseases [+2]
Metabolic Diseases [+19]
Glucose Metabolism Disorders [+5]
Diabetes Mellitus [+8]
Diabetes Mellitus, Experimental
Diabetes Mellitus, Type 1 [+1]
Diabetes Mellitus, Type 2 [+1]
Diabetes, Gestational
Diabetic Ketoacidosis
Donohue Syndrome
Latent Autoimmune Diabetes in Adults
Prediabetic State

Search Results

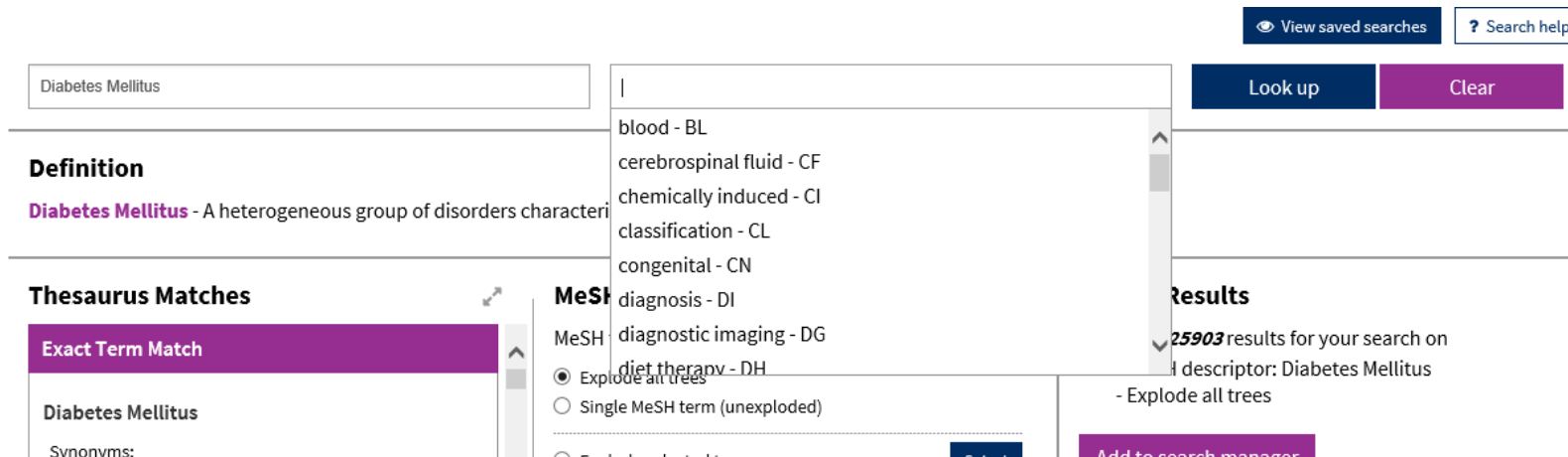
There are **25903** results for your search on

- MeSH descriptor: Diabetes Mellitus
- Explode all trees

Trials	25719
Cochrane Reviews	184

- Use this area to
- Add a Mesh Search to your Search Manager
- View your results
- Save an individual MeSH search

MeSH view



Diabetes Mellitus

Definition
Diabetes Mellitus - A heterogeneous group of disorders characteri

Thesaurus Matches
Exact Term Match
Diabetes Mellitus
Synonyms:

MeSH
blood - BL
cerebrospinal fluid - CF
chemically induced - CI
classification - CL
congenital - CN
diagnosis - DI
diagnostic imaging - DG
diet therapy - DH
☒ Explode all trees
☐ Single MeSH term (unexploded)

Results
25903 results for your search on
descriptor: Diabetes Mellitus
- Explode all trees
Add to search manager

View saved searches Search help
Look up Clear

Once term is selected, qualifier limit shows only those subheadings applicable to that term

In addition to using the Medical Terms tab to enter MeSH, users can also key MeSH terms directly on the Search Manager Tab

Search

Search manager

Medical terms (MeSH)

Save this search

View saved searches

Search help

+

Print

-	+	#1	MeSH descriptor: [Diabetes Mellitus] explode all trees and with qualifier(s): [diet therapy - DH, drug therapy - DT]	MeSH ▾	10475
-	+	#2	[mh "diabetes mellitus"/DH,DT]	Limits	10475
-	+	#3	MeSH descriptor: [Diabetes Complications] explode all trees	MeSH ▾	6265
-	+	#4	[mh "diabetes complications"]	Limits	6265

Direct entry of MeSH term(s) supports the following features:

- Search one or more MeSH terms in the same search line
- Explode terms
- Limit using qualifiers
- Search by major concept(s) only

	+		
-	+	#1	[mh cholesteatoma]
-	+	#2	[mh "diabetes mellitus"]
-	+	#3	[mh ^"leg injuries"]
-	+	#4	[mh asthma/DT,TH]
-	+	#5	[mh "Alzheimer disease"[mj]]
-	+	#6	[mh asthma] and [mh exercise]

Use mh tag and always enclose your search in []

1. Search for a single-word term exploded
2. Search for a multi-word term exploded – always use quotes
3. Use ^ in front of the term to search unexploded
4. Limit by qualifier using / and the two letter abbreviation
5. Limit by major concept only using [mj]
6. Search for multiple MeSH terms in one line

Entering a MeSH search directly in Search manager

Users familiar with MeSH headings can directly enter a MeSH term using the Search manager tab. The syntax supports the searching of one or more MeSH terms, turning on and off term explosion, applying a subheading, and searching using a major concept only.

In summary:

- [mh] is used to indicate the search term/string contains a MeSH heading
- Phrases must be placed in double quotation marks, e.g. [mh "cholesteatoma, middle ear"]
- ^ can be placed before the MeSH heading to turn explosion off.

All charts available in the [Cochrane Library User Guide](#)

MeSH search	Syntax	Notes
BASIC EXAMPLE Specify a MeSH heading	[mh cholesteatoma] [mh "diabetes mellitus"]	If searching a phrase, put the term in quotes.
EXPLODE A TERM Specifying that all trees for MeSH heading should be exploded	[mh cholesteatoma]	Term explosion occurs by default.
SEARCH A TERM WITHOUT EXPLOSION Specifying trees for MeSH heading should not be exploded	[mh^cholesteatoma]	Use ^ in front of the term to turn off term explosion.
LIMIT BY QUALIFIERS (with term explosion) Specifying a MeSH heading with one or more qualifiers (with explosion)	[mh "cholesteatoma, middle ear"/BL,CO]	Use / and the two-letter qualifier abbreviation to limit by one or more qualifiers. This example limits the term to qualifiers BL (Blood) or CO (Complications).
LIMIT BY QUALIFIERS (without term explosion) Specifying a MeSH heading with one or more qualifiers (without explosion)	[mh^"cholesteatoma, middle ear"/BL,CO]	Use / and the two-letter qualifier abbreviation to limit by one or more qualifiers. Qualifiers must be keyed in upper case. This example limits the term to qualifiers BL (Blood) or CO (Complications).
SPECIFYING A QUALIFIER ONLY Search for any articles using a specific qualifier	[mh/DT]	If qualifiers are specified without a MeSH term, all articles where this qualifier appears will be found. This example finds all articles indexed with a qualifier DT (Drug Therapy).
LIMIT BY MAJOR CONCEPT Specifying a MeSH heading as a major topic of an article	[mh human[mj]/GE,GD]	[mj] is used to limit your search to 'major concepts' only.

Search Manager

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search **Search manager** Medical terms (MeSH)

Save this search View saved searches Search help

+

- + #1 | S MeSH N/A

✕ Clear all

Highlight orphan lines

Save this search View saved searches Search help

Print

- Create and edit search
- Name and save search
- View Saved Searches
- View results

Search Manager: Syntax

Support the following search syntax:

- Boolean and proximity operators
- Nesting
- Stemming
- Field Labels
- Combined searches

Interventions for mydriasis in cataract surgery copy 2					
Last saved on: 30/08/2018 07:34:02					
451 hits, 391 trials					
				View fewer lines	Print
<input type="checkbox"/>	<input type="checkbox"/>	#1	MeSH descriptor: [Cataract] explode all trees	MeSH	1179
<input type="checkbox"/>	<input type="checkbox"/>	#2	MeSH descriptor: [Cataract Extraction] explode all trees	MeSH	2550
<input type="checkbox"/>	<input type="checkbox"/>	#3	(extract* or aspirat* or operat* or remov* or surg* or excis* or implant*) near/4 cataract*	S	5336
<input type="checkbox"/>	<input type="checkbox"/>	#4	(extract* or aspirat* or operat* or remov* or surg* or excis* or implant* or emulsif*) near/4 lens*	S	2924
<input type="checkbox"/>	<input type="checkbox"/>	#5	phakectom* or lensectom* or zonulolys* or catarectom*	S	72
<input type="checkbox"/>	<input type="checkbox"/>	#6	pha?oemulsif* or (pha?o next emulsif*) or facoemulsif* or (faco next emulsif*)	S	2556
<input type="checkbox"/>	<input type="checkbox"/>	#7	Capsulorhexis or Capsulorhexis	S	329
<input type="checkbox"/>	<input type="checkbox"/>	#8	{or #1-#7}	S	6727

Click on the line count to view the results for that search line

Search syntax

Common Issues

Using stemming in phrase search

- "pre consult*" (Doesn't work)
USE NEXT with Stemming
(pre NEXT consult*)

Not searching as a phrase

- visit* or waiting room* (searches waiting AND room anywhere in article)

Visit* or (waiting NEXT room*)

CUT and PASTE issues can introduce non-supported quotes. Want straight quotes not curly quotes.

"pre consult*"
“pre consult*”

How to search for	Example	Use
Automatic stemming and term variations	<i>Treat</i> finds <i>treat</i> , <i>treats</i> , <i>treated</i> and <i>treating</i> but not <i>treatment</i>	The search system performs automatic stemming of the term(s) by searching all common variants of a term based on its part of speech, eliminating the need for users to manually type these common variants. Automatic stemming can be turned on and off using the limits selection box.
Single term	Cloning	Searches for a specific term in the article or selected fields.
Multiple words	Diabetes mellitus	If no quotes are used, search will 'AND' terms and find articles or selected fields with both terms.
Phrase searching	"Diabetes mellitus"	Use double quotation marks to find exact phrases. This search finds <i>diabetes mellitus</i> in the article or selected fields.
Wildcard (or truncation; word root must be at least 3 characters)	transplant*	Use an asterisk (*) to match all terms beginning with a word root. <i>transplant*</i> finds <i>transplant</i> , <i>transplants</i> , <i>transplanting</i> , <i>transplantation</i> , and <i>transplantable</i> .
	glycemia	Use an asterisk () at the beginning of a word to match terms with the same suffix. <i>*glycemia</i> matches <i>hyperglycemia</i> or <i>hypoglycemia</i> .
	leuk*mia	Use an asterisk to match multiple characters within a word. <i>leuk*mia</i> finds <i>leukemia</i> and <i>leukaemia</i> .
	wom?n	Use a question mark (?) to match a single character within a word. <i>wom?n</i> finds <i>women</i> or <i>woman</i> .
	system?	Use a question mark (?) to match all terms with that word root and EXACTLY 1 character. <i>System?</i> finds <i>systems</i> but not <i>system</i> , <i>systematic</i> or <i>systemic</i> .
Searching with field labels	"lung cancer":ti (hearing next aid*) :kw smith:au (cancer near lung) :ti,ab,kw	In the 'Search manager' tab, limit to specific fields using the following field labels: :ti (title) :ab (abstract) :kw (Keywords) :au (author) :so (source) :pt (Publication Type) :tb (tables) :doi (digital object identifier [DOI]) :an (accession number) If NO field label is used, 'All text' will be searched. To search multiple fields, separate field labels using commas (:ti,ab,kw).
Logical operators in phrases	breastfeeding AND pre-term; smoking OR tobacco	To find phrases which contain a logical operator (AND, OR, NOT).

Support for logical (Boolean) operators

The following operators can be used via the pull-down boxes in the search tab, or typed directly into the search boxes in either the search or 'Search manager' tabs.

Operator	Example	Use
AND	leg AND ulcer	Both terms must appear in the article or selected field(s).
OR	heart OR cardiac	At least one of the terms must appear in the article or selected field(s).
NOT	aids NOT hearing	The first word must appear but the second word cannot appear in the article or selected field(s).
Order of precedence	kidney OR renal AND dialysis	If your search contains more than one logical operator, the system will execute the search in the following order: All NOT operations first, all AND operations second, all OR operations last. For better precision, use parentheses.
Grouping (or parentheses)	(kidney OR renal) AND dialysis	Default precedence order can be changed by using parentheses () to explicitly group searches using logical operators.
Combining searches	#1 OR #2 OR #3 (#1 OR #2) AND #3 {AND #1-#4} {OR #1-4,#7,#9}	Combine results from multiple search lines into a combined result set. Supports Boolean (AND, OR, NOT) and nesting. Precedence rules are applied if not explicitly given through parentheses. Searches can also be combined using a range of lines, {AND #1-#4}. Range searching can be used with 'AND' or 'OR' operators and must be enclosed in { }.
Proximity	NEAR cancer NEAR lung	Terms can appear in either order. Finds <i>lung cancer</i> AND <i>cancer of the lung</i> NEAR automatically defaults to near/6 (within 6 words).
	NEAR/x cancer NEAR/2 lung	Terms can appear in either order. User can decide number of terms using the NEAR/x command where x = the maximum number of words between search terms.
	NEXT lung NEXT cancer hearing NEXT aid*	Terms must appear in order keyed and assumes terms are next to each other. <i>lung NEXT cancer</i> finds <i>lung cancer</i> but not <i>cancer of the lung</i> . Does not support the /x parameter. Supports the use of wildcards.

New – Search Manager Slideouts



The screenshot shows the 'Search manager' tab selected. At the top, there are three tabs: 'Search', 'Search manager', and 'Medical terms (MeSH)'. Below the tabs, there are three buttons: 'Save this search', 'View saved searches', and 'Search help'. A 'Print' button is also visible. The main search area contains a search bar with a minus sign, a plus sign, and a label '#1'. To the right of the search bar is a button labeled 'S' with a dropdown arrow, which is highlighted with a red box. Next to it are buttons for 'MeSH' and a filter icon. A 'N/A' button is also present.

Use the S button to access slideout allowing users to select fields using menus directly in search manager

Allows users to make all entries on the same page

New – Search Manager Slideouts

Search Search manager Medical terms (MeSH)

Save this search View saved searches Search help

Print

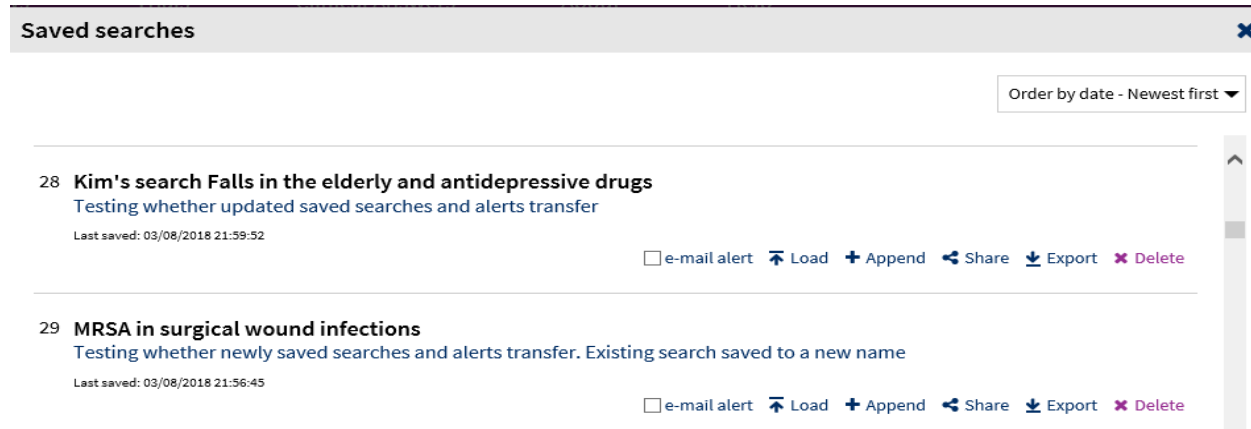
+
- + #1 (review):ti,ab,kw S 33399
- + #2 | S MeSH N/A

Title Abstract Keyword review

+ Add to search line

Allows users to make all entries on the same page

Use search alerts to monitor searches



Saved searches ✕

Order by date - Newest first ▼

28 **Kim's search Falls in the elderly and antidepressive drugs**
Testing whether updated saved searches and alerts transfer
Last saved: 03/08/2018 21:59:52

☐ e-mail alert [↕ Load](#) [+ Append](#) [↩ Share](#) [⬇ Export](#) [✕ Delete](#)

29 **MRSA in surgical wound infections**
Testing whether newly saved searches and alerts transfer. Existing search saved to a new name
Last saved: 03/08/2018 21:56:45

☐ e-mail alert [↕ Load](#) [+ Append](#) [↩ Share](#) [⬇ Export](#) [✕ Delete](#)

Set alerts for updates using the “Email Alerts” checkbox in the saved searches:

- ☒ If box is checked, alerts are sent each month new articles are loaded which match your search
- ☐ If box is not checked, alerts are turned off

Following Reviews

Cochrane Database of Systematic Reviews | [Review - Intervention](#)

Interventions for preventing falls in older people living in the community

✉ Lesley D Gillespie, M Clare Robertson, William J Gillespie, Catherine Sherrington, Simon Gates, Lindy Clemson, Sarah E Lamb Authors' declarations of interest

Version published: 12 September 2012 [Version history](#)

<https://doi.org/10.1002/14651858.CD007146.pub3>

[Collapse all](#) [Expand all](#)


Abstract

Available in [English](#) | [Español](#) | [فارسی](#) | [Français](#) | [日本語](#) | [한국어](#) | [Русский](#) | [ภาษาไทย](#) | [简体中文](#) | [繁體中文](#)


Background


Approximately 30% of people over 65 years of age living in the community fall each year. This is an update of a Cochrane review first published in 2009.


Set up an alert to notify you when a specific systematic review is updated


 Download PDF


[Cite this Review](#)

 Print

 Comment

 Share

 Follow


 score 337


Used in 51 guidelines

Contents






- Abstract
- Plain language summary
- Authors' conclusions
- Background
- Objectives
- Methods
- Results
- Discussion

Sharing searches






Saved searches 

Order by date - Newest first 

28 Kim's search Falls in the elderly and antidepressive drugs
Testing whether updated saved searches and alerts transfer
Last saved: 03/08/2018 21:59:52

☐ e-mail alert  Load  Append  Share  Export  Delete

29 MRSA in surgical wound infections
Testing whether newly saved searches and alerts transfer. Existing search saved to a new name
Last saved: 03/08/2018 21:56:45

☐ e-mail alert  Load  Append  Share  Export  Delete

Use the Share Option to

- Share results with other users or to review search methods
- Share search when reporting issues to Wiley customer support

Documenting Searches

Saved searches

Order by date - Newest first

28 Kim's search Falls in the elderly and antidepressive drugs

Testing whether updated saved searches and alerts transfer

Last saved: 03/08/2018 21:59:52

☐ e-mail alert
 [Load](#)
[Append](#)
[Share](#)
[Export](#)
[Delete](#)

29 MRSA in surgical wound infections

Testing whether newly saved searches and alerts transfer. Existing search saved to a new name

Last saved: 03/08/2018 21:56:45

☐ e-mail alert
 [Load](#)
[Append](#)
[Share](#)
[Export](#)
[Delete](#)

Use the Export Option to get a print friendly version of your search

Search Name: Diabetes Mellitus revised

Last Saved: 12/03/2013 15:36:52.371

Description: With additional synonyms

ID

Search

#1 MeSH descriptor: [Diabetes Mellitus] explode all trees

#2 MeSH descriptor: [Diabetes Complications] explode all trees

#3 (insulin near dependen*)

#4 #1 or #2 or #3

	A	B
1	Search Name:	Diabetes Mellitus revised
2	Date Run:	29:43.4
3	Description:	With additional synonyms
4		
5	ID	Search
6	#1	MeSH descriptor: [Diabetes Mellitus] explode all trees
7	#2	MeSH descriptor: [Diabetes Complications] explode all trees
8	#3	(insulin near dependen*)
9	#4	#1 or #2 or #3
10	#5	{or #1-#3}

Documenting Searches

Use the Print Option
to get a print friendly
version of your
search with counts

Advanced Search

Search Search manager Medical terms (MeSH) PICO search^{BETA}

Save this search View saved searches Search help

Search Manager - Complex Search 44 lines - Ruth

Last saved on: 24/12/2017 03:49:52

+					View fewer lines	Print
-	+	#1	MeSH descriptor: [Skin Ulcer] explode all trees	MeSH	2673	
-	+	#2	MeSH descriptor: [Diabetic Foot] explode all trees	MeSH	883	
-	+	#3	MeSH descriptor: [Pilonidal Sinus] explode all trees	MeSH	142	

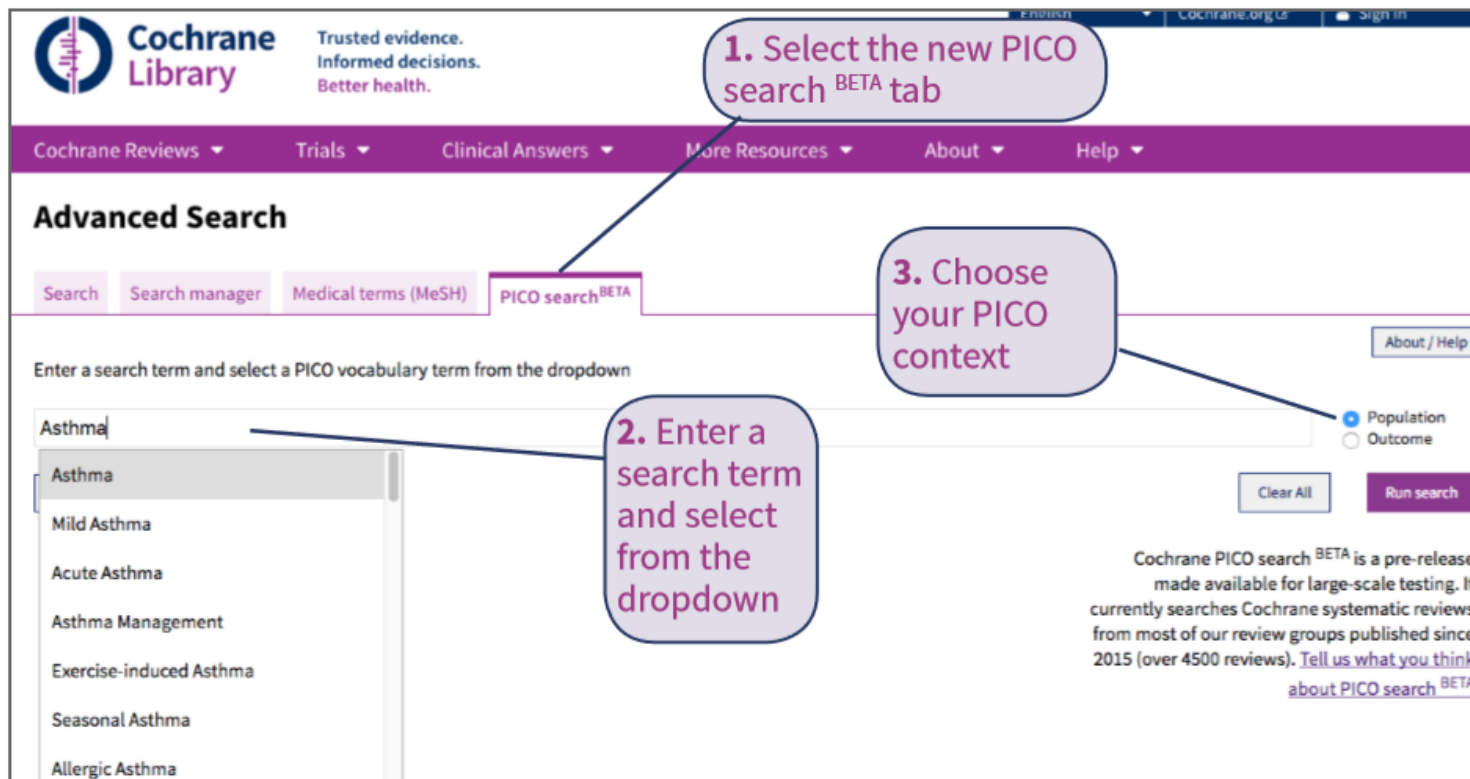
Search Name: Diabetes Mellitus revised
Date Run: 05/05/13 14:29:43.382
Description: With additional synonyms

ID	Search Hits
#1	MeSH descriptor: [Diabetes Mellitus] explode all trees 14397
#2	MeSH descriptor: [Diabetes Complications] explode all trees 4238
#3	(insulin near dependen*) 3665
#4	#1 or #2 or #3 16130
#5	{or #1-#3} 16130

	A	B	C
1	Search Name:	Diabetes Mellitus revised	
2	Date Run:		29:43.4
3	Description:	With additional synonyms	
4			
5	ID	Search	Hits
6	#1	MeSH descriptor: [Diabetes Mellitus] explode all trees	14397
7	#2	MeSH descriptor: [Diabetes Complications] explode all trees	4238
8	#3	(insulin near dependen*)	3665
9	#4	#1 or #2 or #3	16130
10	#5	{or #1-#3}	16130

PICO search^{BETA}

Search Cochrane Reviews by
Population Intervention Comparison Outcome
....to find reviews that precisely match your research or clinical questions



The screenshot shows the Cochrane Library website with the 'PICO search^{BETA}' tab selected. The interface includes a search bar, a dropdown menu for PICO vocabulary terms, and radio buttons for selecting 'Population' or 'Outcome'. Three numbered callouts provide instructions: 1. Select the new PICO search^{BETA} tab; 2. Enter a search term and select from the dropdown; 3. Choose your PICO context.

1. Select the new PICO search^{BETA} tab

2. Enter a search term and select from the dropdown

3. Choose your PICO context

Enter a search term and select a PICO vocabulary term from the dropdown

Asthma

- Asthma
- Mild Asthma
- Acute Asthma
- Asthma Management
- Exercise-induced Asthma
- Seasonal Asthma
- Allergic Asthma

Population
Outcome

Clear All Run search

Cochrane PICO search^{BETA} is a pre-release made available for large-scale testing. It currently searches Cochrane systematic reviews from most of our review groups published since 2015 (over 4500 reviews). [Tell us what you think about PICO search^{BETA}](#)

PICO search^{BETA} Lookup

Enter a search term and select a PICO vocabulary term from the dropdown

Lookup ▼

☒ Population
 ☐ Outcome

Asthma
 ×

Synonyms - Asthmatic, Asthma Bronchial, Bronchial Hyperreactivity, Bronchial hyperreactivity, Hyperreactive airway disease, Bronchial asthma, BHR - Bronchial hyperreactivity, Bronchial hypersensitivity, Airway hyperreactivity

You may be interested in	Broader terms	Search Results
Mild Asthma Acute Asthma Asthma Management (6 results) Asthma care Seasonal Asthma Asthma Monitoring (7 results) Exercise-induced Asthma Exercise Induced Asthma, Exercise induced asthma, EIA - Exercise-induced asthma Allergic Asthma Atopic asthma, Allergic atopic asthma Asthma Education (10 results) Health education - asthma	Respiratory Disorder (901 results) Disorder of respiratory system, Respiratory disease, Respiratory system disease <div>Narrower terms</div> Asthma Control (12 results) Exercise-induced Asthma (7 results) Exercise Induced Asthma, Exercise induced asthma, EIA - Exercise-induced asthma Allergic Asthma (2 results) Atopic asthma, Allergic atopic asthma	<div>206 results matching 'Population "Asthma"'</div> <div>Add/Edit search line</div>

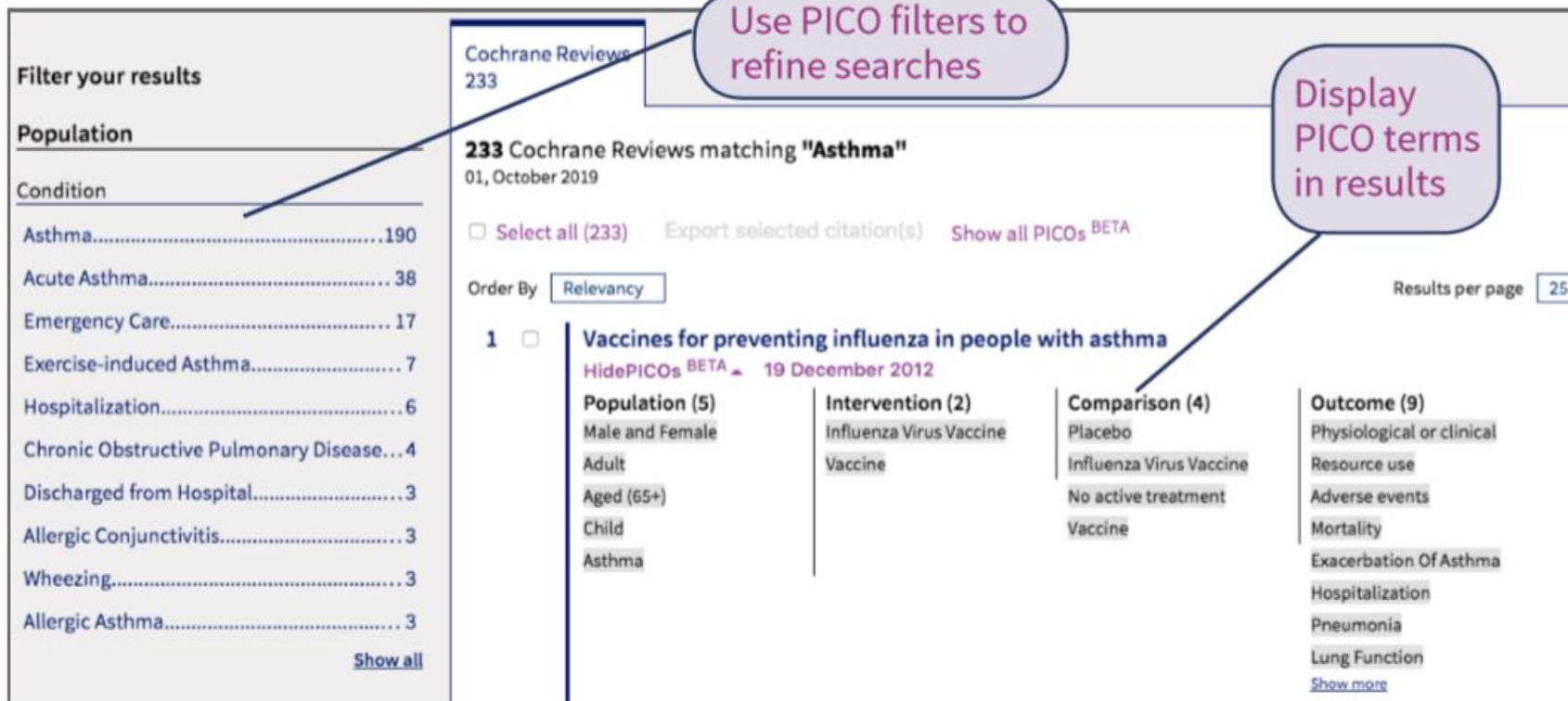
New Lookup feature lets you interact with the PICO hierarchy to help find the best PICO terms.

- See related terms
- Expand the scope of your search using broader terms
- Use narrower terms to refine your search and reduce counts

PICO search^{BETA}

PICO search^{BETA} Results

- PICO based filters
- View PICO terms in results to quickly identify relevant articles



The screenshot shows the Cochrane Library search results for "Asthma". On the left, a "Filter your results" sidebar lists various conditions with their respective counts. The main results area shows 233 Cochrane Reviews matching "Asthma". A callout box points to the "Population" filter, stating "Use PICO filters to refine searches". Another callout box points to the "Vaccines for preventing influenza in people with asthma" result, stating "Display PICO terms in results". The result is displayed in a table format with columns for Population, Intervention, Comparison, and Outcome.

Filter your results

Population

Condition

Asthma.....	190
Acute Asthma.....	38
Emergency Care.....	17
Exercise-induced Asthma.....	7
Hospitalization.....	6
Chronic Obstructive Pulmonary Disease...	4
Discharged from Hospital.....	3
Allergic Conjunctivitis.....	3
Wheezing.....	3
Allergic Asthma.....	3

[Show all](#)

Cochrane Reviews
233

233 Cochrane Reviews matching "Asthma"
01, October 2019

☐ Select all (233) Export selected citation(s) [Show all PICO^{BETA}](#)

Order By [Relevancy](#)

Results per page [25](#)

1 ☐ **Vaccines for preventing influenza in people with asthma**
[Hide PICO^{BETA}](#) 19 December 2012

Population (5)	Intervention (2)	Comparison (4)	Outcome (9)
Male and Female	Influenza Virus Vaccine	Placebo	Physiological or clinical
Adult	Vaccine	Influenza Virus Vaccine	Resource use
Aged (65+)		No active treatment	Adverse events
Child		Vaccine	Mortality
Asthma			Exacerbation Of Asthma
			Hospitalization
			Pneumonia
			Lung Function
			Show more

Filter results based on PICO Groups

Population	
Condition	
Asthma.....	
Acute Asthma.....	
Emergency Care.....	
Exercise-induced Ast	
Hospitalization.....	
Chronic Obstructive P	
Discharged from Hos	
Allergic Conjunctiviti	
Wheezing.....	
Allergic Rhinitis.....	
Intervention / Comparison	
Intervention Name	
Glucocorticoids - Inhaled.....	
Formoterol.....	
Selective Beta-2-adrenoreceptor	
Salmeterol.....	
Asthma Education.....	
Glucocorticoids - Systemic.....	
Selective Beta-2-adrenoreceptor	
Usual Care.....	
Leukotriene Receptor Antagonist	
Anticholinergics, Inhaled.....	
High-level Intervention Classification	
Pharmacological Interventio	
Educational.....	
Behavioral.....	
Physical.....	
Medical Devices.....	
Resources and Infrastructure	
Other.....	
Psychological.....	
Complementary.....	
Complex.....	
Outcome	
Outcome Name	
Exacerbation Of Asthma.....	93
Adverse Event.....	74
Hospitalization.....	69
Pulmonary Function Test.....	62
Quality of Life.....	53
FEV1.....	41
Peak Expiratory Flow Rate.....	26
Emergency Care.....	26
Asthma Finding.....	19
Death.....	19
Show all	

PICO search^{BETA}

PICO terms display in search results pages from all searches

- Use “View PICO^{BETA}” to view PICO terms in search results
- Use PICO terms in results to quickly identify patient populations and interventions you are interested in
- PICO terms are now linked to find other articles with that term

NEW

Show PICO^{BETA} on your search results page.

Faster to read than an abstract!

206 results matching "Population 'Asthma'"

04, May 2021

☐ Select all (206) [Export selected citation\(s\)](#) [Show all PICO^{BETA}](#)

Order By [Relevancy](#)

Results per page [25](#)

1 ☐ Addition of long-acting beta2-agonists to inhaled corticosteroids for chronic asthma in children

[Hide PICO^{BETA}](#) 28 October 2015

Population (2)

Child [↗](#)

Asthma [↗](#)

Intervention (3)

Glucocorticoids - Inha... [↗](#)

Salmeterol [↗](#)

Formoterol [↗](#)

Comparison (3)

Glucocorticoids - Inha... [↗](#)

Placebo [↗](#)

High Dose [↗](#)

Outcome (6)

Exacerbation Of Asthma [↗](#)

Withdrawn From Rese... [↗](#)

Peak Expiratory Flow ... [↗](#)

Adverse Event [↗](#)

FEV1 [↗](#)

Serious Adverse Event [↗](#)

Advanced Search

Search

Search manager

Medical terms (MeSH)

Save this search

View saved searches

Search help

Print

+

Manually type a search term here or click on the S (Search Wizard) or MeSH button to compose one

S

MeSH

N/A

×

Clear all

☐ Highlight orphan lines

Use “View Search Tips” for specific help for that Search Page.

Search Help Content ✕

0 of 0 ⬆ ⬇

Search Manager Basics

Using Search Functionality

Using Search Manager

Entering Search Terms

Searching with and without word variants (automatic stemming)

Searching Multiple Terms

Phrase Searching

Combining Searches

Combining Searches using ranges

Limits

Adding a MeSH Search

Editing a MeSH Search

Entering a MeSH Search directly in Search Manager

Insert and Delete a Line

Highlight Orphan Lines

Viewing Results

Print Search with Counts

Saving Searches and

Search Manager Basics

Using Search Functionality

This tab provides information on the most commonly used features for the tab being used. For complete information on New Search including demonstrations, information on error messages, and FAQ's, [click here](#)

Using Search Manager

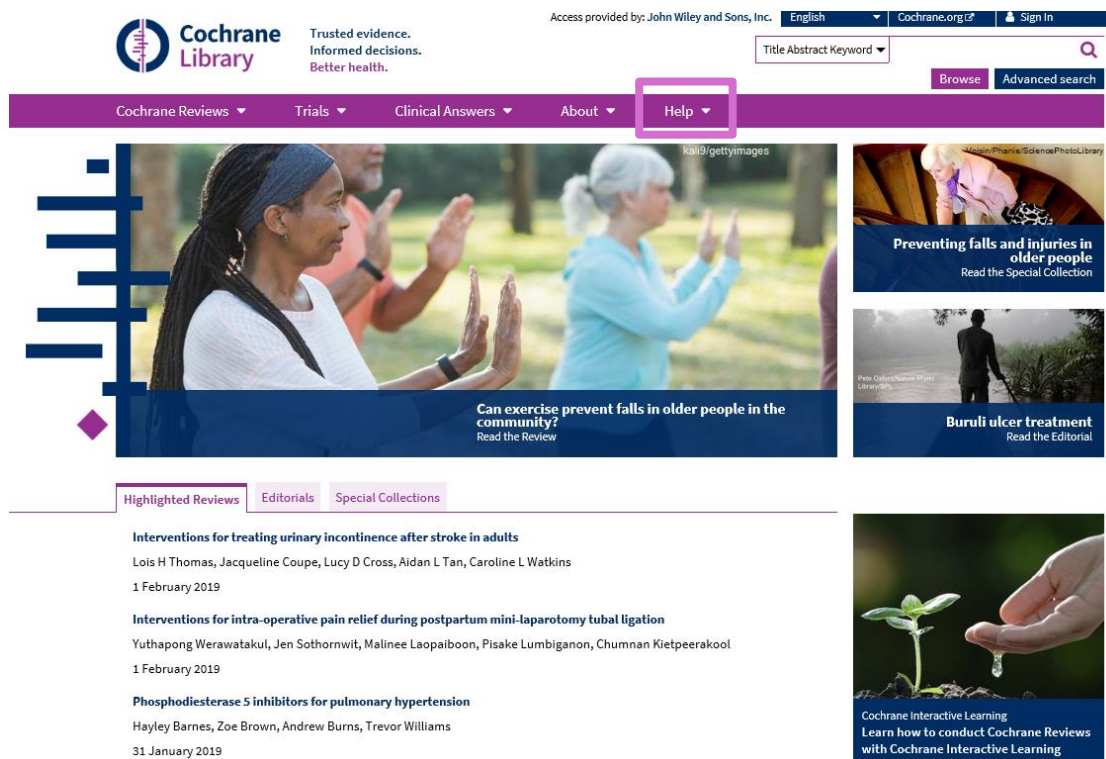
Use the Search Manager to create and save complex multi-line searches. Supports the use of logical operators, field labels, nesting, and wildcards.

Entering Search Terms

- Enter search term(s) in box. By default on Search Manager Tab, common variants of the word are NOT searched.
- If two or more terms are entered, search will combine the terms with “AND” to find articles or selected fields where both terms appear.
- To search a phrase, put terms in quotes, “lung cancer” searches for that specific phrase.

Use “View Search Tips” for specific help for that Search Page.

Getting help



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Trusted evidence.
Informed decisions.
Better health.

Title Abstract Keyword

Browse Advanced search

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Read the Review

Preventing falls and injuries in older people
Read the Special Collection

Buruli ulcer treatment
Read the Editorial

Highlighted Reviews Editorials Special Collections

Interventions for treating urinary incontinence after stroke in adults
Lois H Thomas, Jacqueline Coupe, Lucy D Cross, Aidan L Tan, Caroline L Watkins
1 February 2019

Interventions for intra-operative pain relief during postpartum mini-laparotomy tubal ligation
Yuthapong Werawatakul, Jen Sothornwit, Malinee Laopaiboon, Pisake Lumbiganon, Chumnan Kietpeerakool
1 February 2019

Phosphodiesterase 5 inhibitors for pulmonary hypertension
Hayley Barnes, Zoe Brown, Andrew Burns, Trevor Williams
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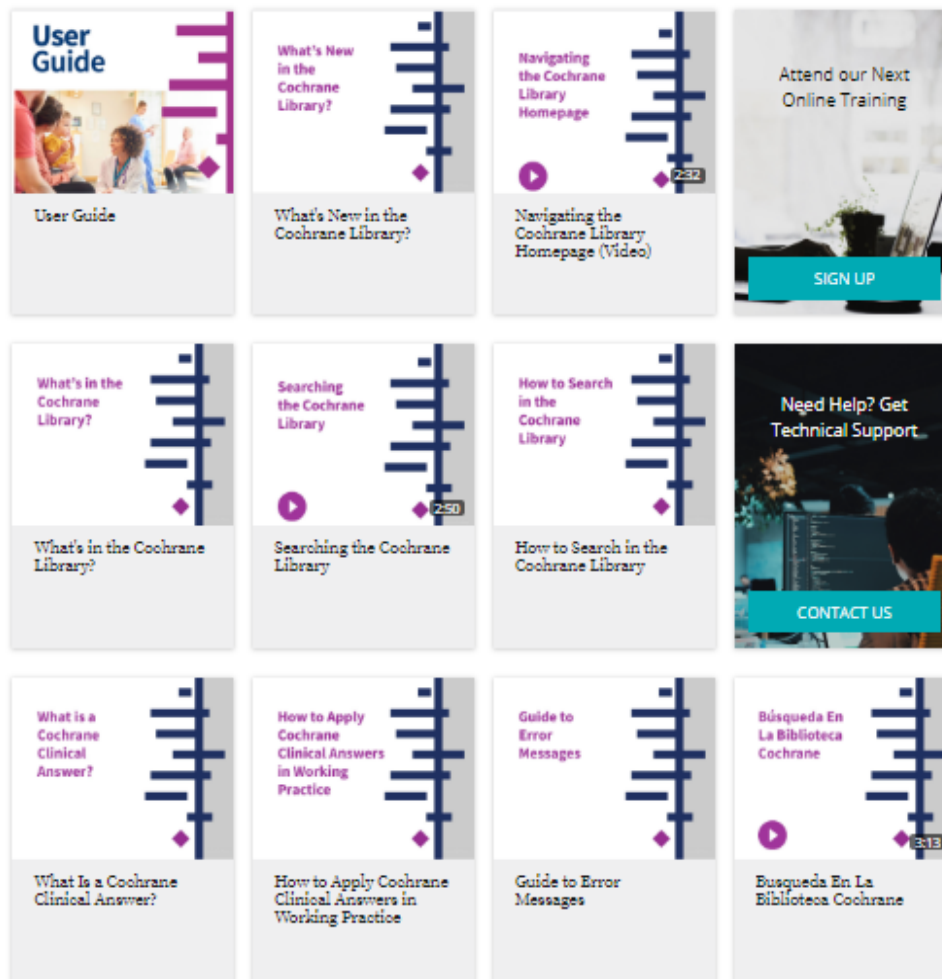
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The hub aims to guide you through using the Cochrane Library by providing access to quick training videos, user guides and webinars.



Search guides, live webinars, training videos, and more are available from the “Help” menu on the Cochrane Library homepage.

Thank you for listening!

Questions?

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